



▶ **Oscilloscope Selection Made Easy**
Brilliantly Engineered. Irresistibly Priced.

▶ **TDS3000B Series Application Modules**

TDS3AAM Advanced Analysis Module	Adds extended math capability, arbitrary math expressions, measurement statistics and additional automated measurements
TDS3ALM Limit Testing Module	Offers fast, accurate Go/No Go verification that tested circuits are operating within intended parameters
TDS31MT Telecommunications Mask Testing Module	Pass/Fail compliance of ITU-T G.703 and ANSI T1.102 standards, custom mask editing and more
TDS3VID Extended Video Editing Module	Adds Video QuickMenu, Autoset, Holdoff, Line Count Trigger, Video Picture mode, Vectorscope mode, HDTV format triggering, graticules and more
TDS3SDI 601 Serial/Digital Video Module	Identify and analyze ITU-R BT.601 video signals, video picture mode with bright line select, vectorscope mode, HDTV format triggering and more

▶ **TDS3000B Series Recommended Accessories**

TDS3BAT	Battery pack for up to 2 hours of continuous operation without line power
TDS3PRT	Plug-in printer adds easy, portable documentation capability, even when operating on battery power
VMLNKB/ VCLNKP	VocalLink™ voice control software

▶ **TDS2000 and TDS1000 Series Application Modules and Software**

TDS2CMA Communications Module	Provides communication with other instruments, peripherals and systems (through RS-232 serial, GPIB instrument control, Centronics-type parallel), allowing full programmable control for automated measurements and remote display and archiving
WaveStar™ Software	Captures, analyzes, documents and controls data to and from your PC desktop. Allows you to click, drag and drop data into one of twelve active application analysis sheets or insert into Microsoft Office applications for documentation and presentation

For Further Information

Tektronix maintains a comprehensive, constantly expanding collection of oscilloscopes, probes and other software options. Please visit www.tektronix.com.

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01/03 HB/PF 55W-16515-0

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	Channels	Bandwidth	Rise Time	Sample Rate (Maximum Real-time)	Oscilloscope Type	Record Length (Maximum)	Trigger Types	Connectivity	Waveform Math and Analysis	Applications
THS700 Series	2*1	100 MHz to 200 MHz	3.5 ns to 1.75 ns	500 MS/s to 1 GS/s	DSO	2.5 kB	• Edge • Pulse • Video • External • Motor	RS-232	Simple Waveform Math	• Power Harmonic Measurements • Installation Maintenance and Repair
TDS1000 Series	2	60 MHz to 100 MHz	5.83 ns to 3.5 ns	1 GS/s	DSO	2.5 kB	• Edge • Pulse (Width, Glitch) • Video	• RS-232*2 • GPIB*2 • Centronics*2 • LAN*3	• Simple Waveform Math • FFT	• Service and Repair • Education and Training • Manufacturing Test and Quality Control • Design and Debug
TDS2000 Series	2, 4	60 MHz	5.83 ns to 2.1 ns	1 GS/s	DSO	2.5 kB	• Edge • Pulse (Width, Glitch) • Video	• RS-232*2 • GPIB*2 • Centronics*2 • LAN*3	• Simple Waveform Math • FFT	• Service and Repair • Education and Training • Manufacturing Test and Quality Control • Design and Debug
TDS3000B Series	2, 4	100 MHz to 500 MHz	3.5 ns to 700 ps	1.25 GS/s to 5 GS/s	DPO up to 3,600 wfms/s	10 kB	• Edge • Logic (Pattern, State) • Pulse (Glitch, Width, Runt, Slew Rate) • Video, • Comm*4	• RS-232*2 • GPIB*2 • Centronics • Floppy Disk • LAN • Ethernet (10Base-T)	• Simple Waveform Math • FFT	• Telecomm Mask Testing and Manufacturing • Digital Design and Troubleshooting • Video Design and Service • Power Supply Design

Specifications may vary based on the model selected within the product families listed above.

*1 IsolatedChannel™.

*2 Optional.

*3 Requires ADO07.

*4 Requires TDS3TMT.



For answers to your questions, and further assistance in choosing the right Tektronix oscilloscope, probes and accessories for your needs, call your Tektronix representative now. Or visit www.tektronix.com.

► Complete Probe Solutions

Passive Probes	P2200 1X/10X, 7 MHz/200 MHz passive probe P3010 10X, 100 MHz passive probe P6101B 1X, 15 MHz passive probe P6139A 10X, 500 MHz passive probe
Low-capitance Probes	P6158 20X, 3 GHz low-capacitance probe
Active Probes	P6205 10X, 750 MHz active probe P6243 10X, 1 GHz active probe
Differential Probes	P6246 1X/10X, 400 MHz differential probe*1 ADA400A, 100X/10X/1X/0.1X, 1 MHz differential preamplifier*2*3
Current Probes	A621 1000 A _{RMS} , 50 kHz current probe A622 70 A _{RMS} , 100 kHz current probe AM503S 500 A DC, 100 MHz current probe system AM5030S 500 A DC, 100 MHz current probe system CT2 3.5 A _{RMS} , 200 MHz current probe P6021 7 A _{RMS} , 60 MHz current probe P6022 3 A _{RMS} , 120 MHz current probe TCP202 15 A DC, 50 MHz current probe
High-voltage Probes	P5100 100X, 250 MHz, high-voltage, single-ended probe P6015A 1000X, 75 MHz, high-voltage, single-ended probe P5200 50X/500X, 25 MHz high-voltage differential probe P5205 50X/500X, 100 MHz, high-voltage differential probe*2 P5210 100X/1000X, 50 MHz high-voltage differential probe*2

*1 Requires 1103 TEKPROBE power supply when used with TDS1000, TDS2000 or TDS3000B Series.

*2 Requires 1103 TEKPROBE power supply when used with TDS1000 or TDS2000 Series.

*3 Bandwidth limits: 100 Hz, 3 kHz and 100 kHz.